

RECEIVED
CENTRAL FAX CENTER

JUL 05 2006

CLAIM AMENDMENTS

Claim 1 (Currently Amended)

A combination of a multi-pitch screw and a multi-pitch nut, said multi-pitch screw comprising a thread of a male screw formed such that sections having a mild lead angle and sections having a steep lead angle are arranged alternately, and continuously and stepwisely during a single turn along a spiral line, said multi-pitch nut comprising a thread of a female screw formed such that a section in which the lead angle is mild and a section in which the lead angle is steep are arranged alternately' ~~and continuously~~ and stepwisely during a single turn along the spiral line.

Claim 2 (Currently Amended)

The combination of a multi-pitch screw and a multi-pitch nut according to claim 1, wherein the lead angle of said sections having a mild lead angle of the male screw is zero degree, which forms a flat step of thread ~~the male screw is perpendicular to the axis of the multi-pitch screw.~~

Claim 3 (Currently Amended)

The combination of a multi-pitch screw and a multi-pitch nut according to claim 1, wherein the lead angle of said

sections having a mild ~~steep~~ lead angle of the male screw is flatter ~~steeper~~ than lead angle of said sections having a steep lead angle of the male screw, thus stepwisely lock and unlock the screw movement by engaging and disengaging the direct contacts of the flat sections ~~an angle which causes said multi-~~ ~~pitch screw to lock with the multi-pitch nut.~~

Claim 4 (Cancelled)

Claim 5 (Cancelled)

Claim 6 (Cancelled)

Claim 7 (Cancelled)

Claim 8 (Cancelled)

Claim 9 (Cancelled)

Claim 10 (Currently Amended)

The combination of a multi-pitch screw and a multi-pitch nut according to claim 1, wherein the lead angle of the sections of said female screw in which said lead angle is mild is zero

degree, which forms a flat step of the thread ~~perpendicular to the axis of the multi-pitch screw.~~

Claim 11 (Currently Amended)

The combination of a multi-pitch screw and a multi-pitch nut according to claim 1, wherein the lead angle of said sections having a mild steep lead angle of said female screw is flatter ~~steeper~~ than the lead angle of said sections having a steeper lead angle of the female screw, thus stepwisely lock and unlock the screw movement by engaging and disengaging the direct contacts of the flat sections ~~an angle which causes the multi-pitch nut to lock with the multi-pitch screw.~~

Claim 12 (cancelled)

Claim 13 (cancelled)

Claim 14 (cancelled)

Claim 15 (cancelled)

Claim 16 (cancelled)

Claim 17 (Previously Presented)

A feed screw device comprising said combination of a multi-pitch screw and a multi-pitch nut described in claim 1.

Claim 18 (Previously Presented)

A screw fastener mechanism comprising said multi-pitch screw and a multi-pitch nut of claim 1.

Claim 19 (Cancelled)